

Abstract

A fibre for thermal bonding comprising semicrystalline random copolymers of propylene, 1-hexene and optionally another α -olefin, the amount of 1-hexene being from 0.75 to less 1.52 mol% (i.e. 1.5 to less than 3 wt%) with respect to the total weight of the copolymer. The said copolymers possess a value of melt flow rate (MFR) ranging from 4 to 35 g /10 min and a molecular weight distribution, in terms of the ratio between weight average molecular weight and numeric average molecular weight ($\overline{M}_w/\overline{M}_n$), ranging from 4 to 12.